district, Clear Grack and Gilpin Counties, Colo., by R. H. Moench and A. A. Drake, Jr. Rock below footwail altered pyrite disseminated along foliation and joints; vein is oxidized 6 in gouge, 1/2 to 4 in quartz, pyrite, gouge, and secondary copper minerals gossan Stoped below Vein thins where parallel to foli 16 in white quartz and pyrite in coarse pyrite, gray quortz, secondary capper minerals 1/2 in. quartz_ /2 in quartz and pyrite; and pyrite secondary copper 2 ft vein, only partly — oxidized; quartz and pyrite I to 2 in. quartz, pyrite, galena Veins oxidized on hanging wall and 2 1/2 ft coarse vuggy white quartz and pyrite gossan footwall, horses between are strongly altered and pyritized Broken zone; veins indistinct; rock healed with white quartz, coarse pyrite 6 in quartz, pyrite 24 in.coarse gossan quartz, pyrite gossan Stoped above Stoped above 8 566 ft Portal Altitude Altitude 8644 ft Gossan 6 in quartz, pyrite gossan strongly sheared 8511 ft (C-I,4,FIG. 1) 3ft silicified zone with disseminated pyrite; secondary copper minerals along frac-tures; hanging wall vein's coarse white quartz,pyrite gossan, galena 8706ft. 2 ft altered zone with many close spaced veins quartz pyrite gossan Portal Altitude 8764 ft Stoped 6 to 8 in. coarse white quartz, pyrite, secondary Altitude 8555 ft Complete workings of copper minerals level on figure 48 EXPLANATION X Barren fracture, showing dip Foot of raise or winze Plunge of warps 53 16 may not reflect Vein, showing dip. Head of raise or winze Plunge of drag fold and plunge of slicken sides Dashed where approximately located -0-Interlayered biotite gneisses Ore chute مممم Strike and dip of foliation Lagging along drift Microcline - quartz - plagioclase-Disseminated sulfides Horizontal foliation biotite gneiss between vein splits Strike and dip of foliation. Shaft at mine partal and plunge of lineations Contact Dashed where appoximately located Geology and base by R.H. Moench and J.R.McDonald, June 1954

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FIGURE 47 .- GEOLOGIC MAP OF THE KINDA-U.P.R. MINE (C-I, 4, FIG.)

Descriptions and maps supplementary to U.S.G.S. Bull 1208, by R. H. Moench and A. A. Drake, Jr., 1966 Datum is mean sea level